

1159396 - R8 SDMS



Richardson Flat expansion
Kerry Gee
to:
Kathryn Hernandez
04/08/2008 09:33 AM
Show Details

1 Attachment



2008 scope and costs - Richardson Flats.pdf

Kathy:

Attached is the final version of the scoping document for the study of the expansion of Richardson Flat to be completed by Golder Associates. I have indicated that United Park would stand for the payment of this work should the plan to use the Richardson Account money not materialize.

I have also directed them to start on it as soon as possible.

Please let me know what I can do to help you get the funding for this.

Thanks

Kerry

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April 6, 2008

United Park City Mines Company
890 Main Street
Park City, Utah 84060

Attention: Mr. Kerry Gee, Vice President

**RE: SCOPE AND COST ESTIMATE FOR 2008 SUPPORT FOR RICHARDSON FLATS
GEOTECHNICAL SUPPORT AND CAPACITY STUDY**

Dear Kerry:

Golder Associates Inc. (Golder) is pleased to provide this scope of work and cost estimate to complete a geotechnical assessment and volumetric study to evaluate the potential to increase the capacity to place impacted sediments and materials at the Richardson Flat impoundment. It is our understanding that it is necessary to isolate at the Richardson Flat impoundment several hundred thousand cubic yards from an area known as the Middle Reach of Silver Creek. This reach is essentially from Prospector Park to Highway 248. In addition, about 150,000 cubic yards from the area outside of the impoundment at Richardson Flat needs to be incorporated into the enclosure as well as up to 100,000 cubic yards from various projects in an around Park City. Lastly, EPA would like to isolate and contain about 200,000 cubic yards at the Richardson Flat impoundment from the Lower Silver Creek area.

- Conduct a site visit by Brent Bronson to review the current conditions, site constraints, and discuss the potential options.
- Prepare grading plans to evaluate the ability to increase the design capacity to place impacted sediments on the existing impoundment. For scoping purposes, we have assumed that two options will be evaluated, e.g., a conventional design and a geomorphic approach.
- Conduct a geotechnical assessment of the preferred option, based upon available data from our previous review of the geotechnical conditions at Richardson Flat. Construction recommendations will be an inherent part of this work phase.
- Document the evaluations in a brief letter report.

Golder previously conducted a geotechnical review and provided engineering recommendations for soil cover placement and a buttress design for the Richardson Flat tailing impoundment which are documented in a May 26, 2006 letter report. Since that time, we understand that the downgradient retention embankment has been buttressed and cover soils have been placed to approximately 300-ft to 400-ft upgradient of the embankment. We also understand that amongst other site constraints, the design for the ball fields and park and ride have fixed the elevation in the south east sector of the impoundment.

April 6, 2008

Golder understands that the USEPA has requested that the United Park City Mines Company (UPCMC) coordinate this study with a qualified geotechnical consultant which will be paid for by the USEPA. As such, Golder proposes to conduct this work as an addendum to our existing USEPA contract that is being administered by Mr. Dave Reisman.

Estimated Costs

Estimated costs have been developed using the negotiated GSA rates for the Federal Supply Schedule 899, Contract Number GS-10F-0130N, which are attached. Based on the scope discussed above, Golder estimates total costs for the project to be \$8,500. A detailed breakdown of this estimate is provided in the attached Table 1.

The work will be billed on a time and materials basis, billing only for productive time. The total estimate cost will not be exceeded without written approval from UPCM and the USEPA.

We appreciate the opportunity to continue to provide services to UPCM. Should you have any questions or comments please do not hesitate to contact us.

Sincerely,

GOLDER ASSOCIATES INC.



Brent Bronson, P.E.
Principal

Attachments:

Cost Table
Rate Schedule

GOLDER ASSOCIATES INC.

CBI REDACTED